

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (cancelled)

Claim 10 (currently amended) A method ~~as in claim 9, further~~ of processing signals for a communication system, comprising the steps of:

receiving an input signal from at least one of a plurality of antennas;
measuring the input signal;
producing an output signal corresponding to the measured input signal;
comparing the output signal to a first reference signal;
producing a first control signal in response to the step of comparing when the output signal has a value greater than a value of the first reference signal;
comparing the output signal to a second reference signal; and
producing a second control signal in response to the step of comparing when the output signal has a value greater than a value of the second reference signal.

Claim 11 (original) A method as in claim 10, further comprising the step of producing a third control signal in response to the step of comparing when the output signal has a value between the value of the first reference signal and the value of the second reference signal.

Claim 12 (original) A method as in claim 10, further comprising the steps of:
producing a plurality of channel estimates in response to one of the first control signal and the second control signal; and

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producing less than the plurality of channel estimates in response to the other of the first control signal and the second control signal.

Claims 13-24 (cancelled)